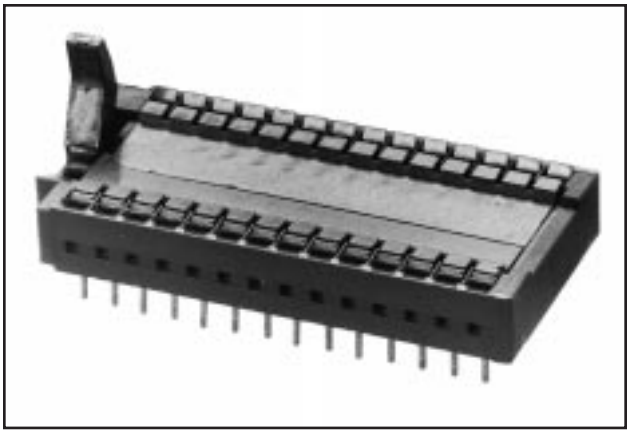
Series 526 LO-PRO®file Zero Insertion Force Socket

FEATURES:
- A choice of 24, 28, or 40 pin count devices can be inserted without bending or otherwise damaging the legs, since no force is required to either insert or remove the component from the socket.
- A metal cam provides strong, smooth action as it moves to a positive stop, compressing the double-sided contacts, ensuring a gas-tight seal.
- Test point openings provided to reach all pins.

SPECIFICATIONS:
- Plastic body is UL 94V-0 glass-filled Polyester thermoplastic.
- Contacts are Beryllium Copper Alloy 172, spring tempered.
- Contact plating is 200µ [5.08µm] min. Tin per MIL-T-10727 over 50µ [1.27µm] min. Nickel per QQ-N-290.
- Cam is lightweight, strong, and rigid cast Zinc Alloy.
- Operating temperature=-67°F to 221°F [-55°C to 105°C].
- Contact current rating=2 Amps.
- Contact resistance=10 mOhms max.
- Breakdown voltage=1000 VAC min.
- Average Retention Force (when closed)=110 grams/lead, based on .010 [.25] diameter test lead.
- Socket accepts .008-.014 [.20-.36] thick leads, .075-.200 [1.91-5.08] long.

MOUNTING CONSIDERATIONS:
- Suggested PCB hole size=.035 ± .002 [.89 ± .05] dia.



Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION

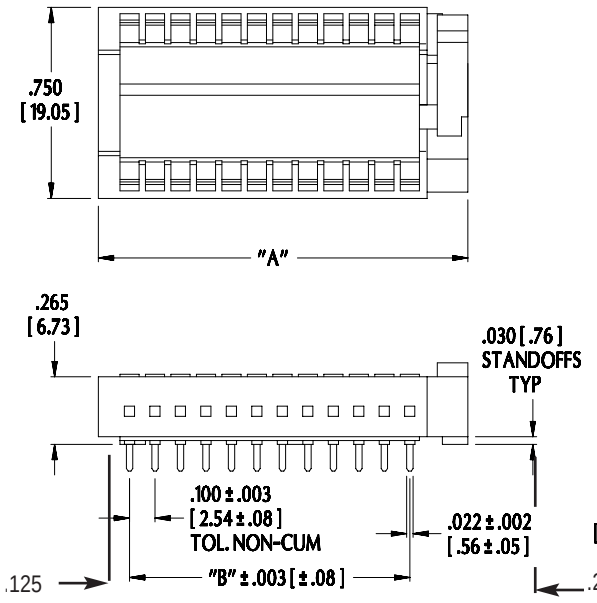
XX-526-10

- No. of pins (see table)
- Series
- Tin plating (consult factory for other plating options)
- Solder tail only

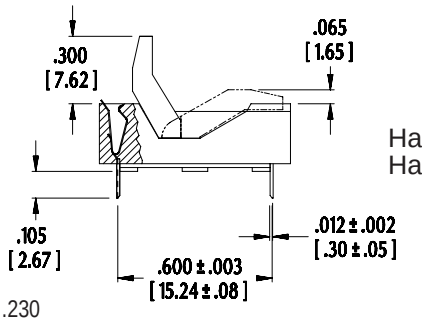
ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13] unless otherwise specified

Series 516 Standard ZIF Socket also available. Consult Data Sheet No. 10017.



No. of Positions	Dim. "A"	Dim. "B"
24	1.450 [36.83]	1.100 [27.94]
28	1.650 [41.90]	1.300 [33.02]
40	2.250 [57.15]	1.900 [48.26]



Handle Up=Open
Handle Down=Closed

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